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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	
VAINIO et al.)	Group Art No. TBA
Serial No: TBA)	Examiner: TBA
Filed: even herewith)	Docket No. 006921.00010

For: AUDIO BLOCK

INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office Customer Service Window, Mail Stop New Application Randolph Building 401 Dulany Street Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §1.97, enclosed are Forms PTO 1449 listing documents for consideration and entry by the Examiner in the above-captioned patent application. Entry and consideration of the cited information is respectfully requested together with a return of the Forms PTO 1449 initialed by the Examiner indicating the same. Copies of the cited non-U.S. documents are being submitted herewith.

If the Patent and Trademark Office determines that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Date: April 27, 2006

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Sérial No. 3 Attorney Docket No. USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office 006921.00010 INFORMATION DISCLOSURE CITATION Applicant(s): VAINIO et al. Sheet 1 of 1 Group: TBA Filing Date: April 27, 2006 U.S. PATENT DOCUMENTS Patent No. Date Name Class Subclass Filing Date Examiner (if appropriate) Initial US 2002/102998 01 August 2002 LIN MING-HUNG 20 September 1994 US 5 349 698 **MARU TSUGUO** US 6 097 943 01 August 2000 NORDWALL US 2002/0090982 11 July 2002 HOLLSTROM et al US 6 742 061 25 May 2004 **HELLBERG** FOREIGN PATENT DOCUMENTS Examiner Document No. Date Country Class Subclass Translation Initial YES NO WO 02 102035 A 19 December 2002 **PCT** WO 03 077504 18 September 2003 **PCT** EP 1 347 623 A 24 September 2003 **EUROPE** WO 00 74350 A 07 December 2000 **PCT** WO 99 43136 26 August 1999 **PCT** EP 0 833 455 A2 01 April 1998 **EUROPE** EP 1 257 001 A1 13 November 2002 **EUROPE** WO 98 00993 PCT 08 January 1998 OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) PROAKIS et al: "Digital Signal Processing", Prentice Hall International, 1996, ISBN 0133943389, pgs 502-519. DATE CONSIDERED **EXAMINER** *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

10/577453 REFERENCES P20R03 CTULLID 37 APR 2006

US Patent Application No. not yet received Our Reference: PC-US-21025137

No.	Applicant	Source	Sent to US Attorney	Filed at the USPTO
WO 02/102035	Telefonaktiebolaget L M Ericsson	ISR	2006-04-19	
WO 03/077504	Nokia Corporation	ISR	2006-04-19	
EP 1 347 623	Nokia Corporation	ISR	2006-04-19	
WO 00/74350	Telefonaktiebolaget LM Ericsson	ISR	2006-04-19	
US 2002/102998	Ming-Hung Lin	ISR	2006-04-19	
US 5 349 698	NEC Corporation	ISR	2006-04-19	
US 6 097 943	Telefonaktiebolaget LM Ericsson	ISR,Description	2006-04-19	
Digital signal Processing by John G. Proakis et al., Prentice Hall International, 1996, ISBN 0133943389		Description	2006-04-19	
WO 99/43136	Ericsson Inc.	ISR	2006-04-19	
US 2002/0090982	Magnus Hollstrom et al	ISR	2006-04-19	
EP 0 833 455	Nokia Mobile Phones Ltd.	ISR	2006-04-19	
EP 1 257 001	Telefonaktiebolaget LM Ericsson	ISR	2006-04-19	
US 6 742 061	Nokia Corporation		2006-04-19	
WO 98/00993	Telefonaktiebolaget LM Ericsson		2006-04-19	

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